



Lexington Medical Center

**Each Step Lexington Medical Center Takes
Brings Us Closer To A Sustainable Tomorrow.**

Lexington Medical Center's Air Quality Improvement Initiatives



TOBACCO-FREE ENVIRONMENT INITIATIVE:

“A BREATH OF FRESH AIR”



All the hospitals in the metropolitan area went smoke free November 15th 2007. LMC had over 600 smokers at the time. This reduced **Benzene, Formaldehyde, Ammonia & Acetone** fumes from the smoke from being released into the air.

Lexington Medical Center Goes Mercury Free

2003 LMC participated in the American Hospital Associations Mercury Elimination Program and reduced about 97% of the mercury used on campus.



Mercury Fact: The U.S. EPA ranks the health care sector as the fourth-largest source of mercury air emissions due to their contribution to medical waste incinerators. LMC incinerates less than 5% of it's Medical Waste.

Our Public Safety Department Implemented a Bike Patrol in 2007



The officers patrol the parking lots and ground of the main campus buildings during the warmer months. This program allowed us to keep one of our patrol vehicles off the road during 4 months of 2007. This reduced our carbon emissions during that period by over a ton.

We installed bike racks and showers in our new office building to promote employee bike riding.



Medical Record's Promotes Air Quality Through Telecommuting.

LMC's Medical Records department learned that it could save space, reduce travel expenses for employees and reduce carbon emissions by allowing staff to telecommute from home.

Medical records currently has over 65 employees telecommuting from home (most are transcriptionist)



If those 65 employees commuted and average of 15 miles round trip to work for 260 days per year and drove a car that got 24 miles to the gallon we saved **93 Tons of CO2**

Environmental Services Goes Green

Did you know that all the cleaning supplies except one are **GREEN** Products.
Eliminate VOC's from the



Environmental Services
uses recycled paper
products:

Paper towels

Toilet Paper

Tissue paper

Courier Service Drives to the Front of the Pack for Emission Reductions !!!!



Our courier / service fleet was able to reduce their carbon dioxide emissions by 80 tons during 2008 by replacing 4 of our 8 cylinder courier vehicles with Hybrid Prius. We will be expanding our fleet of hybrids by adding 2 more in the near future. The courier services also remapped routes in an effort to make them more fuel efficient. Our fleet of 51 vehicles produced 380 tons of carbon dioxide in 2007. We are on schedule to cut this by 21% in 2008



Nature Approved.



In August 2007 Lexington Medical Center opened the 1st L.E.E.D. Silver Certified Medical Building in South Carolina.

The building has energy management systems, environmentally friendly flooring, furniture a recycling designs built in to the system.

What LMC currently Recycles!



- Cardboard
- Paper
- Plastic drink bottles
- Aluminum cans
- Batteries – Alkaline/ Rechargeable
- Cooking oil
- Motor Oil
- Furniture
- Fluorescent bulbs
- Pallets
- Computer /electronic equipment

LMC Environmental Facts

LMC Recycling Efforts:

<u>Year</u>	<u>Pounds Recycled</u>	<u>% of Total Waste Stream</u>
2006	450,000 lbs	17%
2007	475,000 lbs	19%
2008(proj.)	593,323 lbs	25%



Be an employee
that makes a
difference!!!

Recycle



Cardboard Recycling Impacts LMC In Several Ways.



We keep **100 Tons** of cardboard out of the midland's landfills.

That saved:

1700 Trees

695,300 gallons of water

46,300 gallons of oil

58,700 lbs. of air pollution

900 cubic yards of landfill

407,700 kilowatt hours of energy

Human Impact of Recycling Cardboard at LMC!

In the past 12 months our cardboard recycling program has raised \$5,221 that was donated to the hospital's Emergency Care Fund.



These funds are used to assist employees that have experienced catastrophic personal losses such as: home fires, medical needs, and other personal losses.



Surgery and Materials Management Recycle Out of Date Medical Supplies for the Lexington County Animal Shelter to Provide Care for Animals



Lexington Medical Center Takes The Lead in Environmental Sustainability and Stewardship



Lexington Medical Center becomes the first and only healthcare facility in South Carolina to meet the requirements for acceptance into the South Carolina Environmental Excellence Program. (2008)

S.C.E.E.P. is a voluntary program for companies that set and monitor environmental impact standards. Companies must have an outstanding environmental history and meet strict standards to become a member.

(left) Bob King Deputy Commission of DHEC presents members of LMC's Environmental Management Committee with their E.E.P. Flag

Lexington Medical Center Takes The Lead in Environmental Sustainability and Stewardship

LMC wins 2008 Honorable Mention at the Carolina Recycling Association Conference in March for their Business Recycling Program.



LMC presents at the Columbia Pollution Action Council “Green Boot Camp for Business”

LMC shares their green vision with Lexington Middle School students on Career Day.

